TOSHIBA

Maximize the audience's attention.

Toshiba TDP-S20U/SW20U

Designed to meet the diverse needs of today's budget-conscious professionals, the Toshiba TDP-S20U/SW20U series delivers industry-leading features and connectivity options at a low price point. The new projectors boast 1400 ANSI lumens, a 2000:1 contrast ratio and native SVGA resolution, providing users with a powerful tool that delivers professional presentations without breaking the bank.

TDP-S20U pictured

TDP-S20U/SW20U
Toshiba's TDP-S20U/SW20U series delivers a robust combination of brightness, portability and versatility in the office, on the road or in the classroom.

Maximum Features:
The Toshiba TDP-S20U/SW20U series projectors are designed for presenters who demand quality images and portability at a competitive price. Packaged in a lightweight form factor, the TDP-S20U/SW20U series features 1400 ANSI lumens, 2000:1 contrast ratio (full on/full off) and native SVGA 800 x 600 resolution.

No Compromise Specifications:
The feature-rich TDP-S20U/SW20U projector series includes a host of multimedia capabilities and connectivity options such as composite, component and S-video inputs, audio in/out capabilities, and a special monitor output connector that allows users to view presentations from an external display in addition to what is projected on the screen.

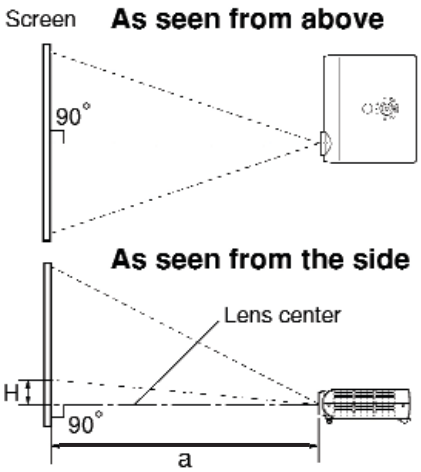
Wireless Networking for Added Flexibility:
With integrated wireless capabilities, the TDP-SW20U model delivers truly leading-edge presentations without being tethered to a desk or workstation. The TDP-SW20U projector also offers on-the-go professionals the option to deliver a "PC-free" presentation by simply adding a type II storage card.

Product Specifications

Toshiba TDP-S20U/SW20U

Projection Distance and Size

Use the figures, tables, and formulas below to determine the projection size and projection distance. (Projection sizes are approximate values for full-size picture with no keystone adjustment.)



a is the distance (m) between the lens and the screen, and corresponds to a range of 1.15 m to 10.00 m. **H** is the height from the image bottom to the center of the lens.

$$\text{a (min length)} = \frac{\text{projection size (inches)} - 1.516}{29.85}$$

$$\text{a (max length)} = \frac{\text{projection size (inches)} - 1.264}{24.88}$$

projection size (inches)	projection distance a (m)		height (H) (cm)
	min length (zooming max)	max length (zooming min)	
30	—	1.15	5.5
36	1.15	1.40	6.6
40	1.29	1.56	7.3
60	1.96	2.36	11.0
80	2.63	3.17	14.6
100	3.30	3.97	18.3
150	4.97	5.98	27.4
200	6.65	7.99	36.6
250	8.32	10.00	45.7
300	10.00	—	54.9

Display Technology
Shape
-0.55" DMD DLP
Number of Pixels
-480,000 (800 x 600)

Projection Lens
Standard Lens
-1.2x manual zoom/manual focus
F/f (mm)
-F = 2.0 - 2.2, f = 18.2 - 21.84mm

Light Source
-160W (135W in low mode)

Brightness
-1400 ANSI lumens

Native Resolution
-SVGA 800 x 600

Wireless Technology
-IEEE 802.11b (TDP-SW20U)

Color Reproduction
-Full 16.77 Million Colors

Contrast Ratio
-2000:1

Projection Screen Size (Diagonal)
-30 - 300 inches

Projection Distance
-3.8 ft - 33 ft

Throw Ratio
-1.6 - 1.94:1

Compatible Scanning Frequency
Horizontal (kHz)
-15 - 93kHZ
Vertical (Hz)
-50 - 85Hz

Input Terminals
Video
-1x RCA, 1x S-Video
Color Difference
-1x mini D-sub 15, shared with RGB signal
Audio
-1x stereo mini-jack, 2x RCA for Video, 2x RCA for S-video
RGB
-2x RGB

Input Signal Format
Video
-NTSC, PAL, SECAM
RGB
-VGA, SVGA, XGA (compressed), SXGA (compressed), UXGA (compressed), MAC
Color Difference
-HDTV/DTV (480p/480i/720p/1080i), DVD

Output Terminal
RGB
-1x RGB
Audio
-1x stereo mini-jack

Keystone Correction
-Digital +/- 15°

Noise Level
-36dBA (33dBA in low mode)

Internal Speaker
-1.0W Monaural

PC Interface
-RS232 (mini DIN-8 pin)

External Dimensions (WxDxH)
-11.2" x 10.0" x 3.8"

Weight (lbs)
-6.6 lbs. (TDP-S20U)
-6.8 lbs. (TDP-SW20U)

Power Consumption
-230W (TDP-S20U)
-240W (TDP-SW20U)

Power Source
-100-240V, 50/60Hz

Box Contents
-Remote Control
-Power Cord
-RGB Cable
-CD-ROM
-User's Manual
-Soft Carrying Bag
-Wireless PC LAN Card (only for TDP-SW20U model)

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